

ABSTRACT OF THE DISCLOSURE

A system and method for centered mounting of a rotating body upon a spindle shaft. The system includes a set of double low-tapers cones arranged and identified according to size. A guide is provided to identify an appropriate cone from the set for a given rotating body pilot hole diameter. To secure the rotating body upon the spindle in a centered manner with the selected cone, an infinitely adjustable mounting flange assembly is provided with a set of mounting pins to engage the rotating body in a predetermined spacing with a clamping force against the cone. The mounting flange assembly and set of mounting pins cooperatively provides for infinite adjustment to accommodate a range of symmetrical vehicle wheel lug hole patterns between a minimum radial dimension and a maximum radial dimension.